

May 19, 2016

MEMORANDUM FOR: Distribution Email

FROM: Christine Caruso Magee  
Configuration Manager, NCEP Central Operations

SUBJECT: Scheduled Operational Changes and Upgrades for  
CPC, OPC, and WPC

**Climate Prediction Center**

The following accelerated items were implemented this past week:

None

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The following will be implemented the week of May 23, 2016:

None

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The following RFCs are in progress:

None

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The following NCO RFCs to be implemented the week of May 23, 2016 may affect CPC:

None

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The following NCO RFCs are in progress and may affect CPC:

RFC #1864 – WCOSS – Work is being done on the Crays to add 2 new service blades containing 2 nodes each for DVS/GPFS services. This work should be completed by June 7.

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## **Ocean Prediction Center**

The following accelerated items were implemented this past week:

RFC #658 – NA\_cleanup.csh v16.05.13 – Adjusted the purge rules for altimeter track, ascat 67N grid, and hourly max wind speed data files that were not being cleaned up. These files were contributing a few GB to a shared DF/WPC/OPC disk filling up. Implemented on May 13 at 1500Z.

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The following will be implemented the week of May 23, 2016:

RFC #660 - Vpara\_DoublingTimes\_NH.csh v 2016.05.24 - Implement Doubling Time web page for coastal New Hampshire that shows Vibrio doubling times based on NDFD air temperature and best harvesting windows graphs for 4 oyster growing locations in Little Bay and the Piscataqua River. To be implemented on May 24 at 1330Z.

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The following RFCs are in progress:

None

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The following NCO RFCs to be implemented the week of May 23, 2016 may affect OPC:

RFC #1964 - radar\_level2 v3.1.0 - 330 new fix files will be added to the package to handle radar data from ALASKA. This will be the first time the WCOSS radar\_level2 decoder processes Alaskan radar data. To be implemented on May 24 at 1200Z.

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The following NCO RFCs are in progress and may affect OPC:

RFC #1864 – WCOSS – Work is being done on the Crays to add 2 new service blades containing 2 nodes each for DVS/GPFS services. This work should be completed by June 7.

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The following NCO RFCs, which may affect OPC, were approved with an implementation date TBD:

RFC #1357 – RTOFS global v1.1.0 – Major upgrade of the Global RTOFS model. See the TIN at: <http://www.nws.noaa.gov/os/notification/tin15-36global-rtofsaaa.htm> for details. This was advertised as having an October 6 implementation date but this implementation is being postponed due to a delay in the Navy's HYCOM model upgrade. Once the HYCOM upgrade is implemented, the Global RTOFS will be scheduled for implementation. The Navy hopes to upgrade HYCOM in FY16Q3. Notification will be given in advance so users may prepare for any changes which may affect them. This upgrade of the Global RTOFS was approved by the NCEP Director.

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**Weather Prediction Center**

The following accelerated items were implemented this past week:

None

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The following will be implemented the week of May 23, 2016:

None

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The following RFCs are in progress:

RFC #649 - EMC is making a beta version of the GEFS which contains bias corrected QPF and PQPF. EMC is also making this data available downscaled to 5km. WPC will pipe the grib2 data (QPF and PQPF only) to the Compute Farm, where it will be de-gribbed and made available in NMAP2 for the FFaiR and WPC forecasters for testing. Implementation began May 12 at 1600Z and should be completed by May 26.

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The following NCO RFCs to be implemented the week of May 23, 2016 may affect WPC:

RFC #1964 - radar\_level2 v3.1.0 - 330 new fix files will be added to the package to handle radar data from ALASKA. This will be the first time the WCOSS radar\_level2 decoder processes Alaskan radar data. To be implemented on May 24 at 1200Z.

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The following NCO RFCs are in progress and may affect WPC:

None

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Please note that security-related RFCs are never listed in the RFC memo.

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---- OPERATIONAL ANNOUNCEMENTS ----

1. The CPC/OPC/WPC Configuration Management documents are available at <https://sites.google.com/a/noaa.gov/nws-ncep-nco-cm/>.

Please review these documents if you have questions prior to submitting changes for CPC/OPC/WPC configurable items.

2. Users who wish to view their network utilization via the Scrutinizer appliance may request access from NCO/IWSB. Please send an account request to the NCWCP Helpdesk at [NCWCP.helpdesk@noaa.gov](mailto:NCWCP.helpdesk@noaa.gov).